

POLLUTION CONTROL SCIENCE, INC.

6015 Manning Road, Miamisburg, Ohio 45342 (513) 866-5908

US EPA RECORDS CENTER REGION 5



454469

June 7, 1977

Mr. Thomas A. Schneider
Process Engineer - Solid Wire
HOBART BROTHERS COMPANY
Filler Metals Division
Troy, Ohio 45373

Dear Mr. Schneider:

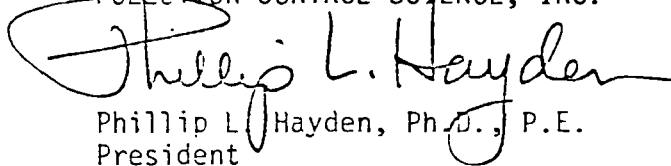
I am enclosing the results of our tests on the well water sampled from the Hobart House and the Lytle Road House. The results indicated that both wells have detectable amounts of heavy metals, e.g., copper, nickel, lead, zinc, etc. The copper and the zinc could possibly come from the plumbing in each house but there is no reasonable explanation for the nickel and lead, except that they are probably present originally in well water.

The only area of real concern is the lead content of the Lytle Road House. Our analysis indicate that lead is present at a level of 60 ug/l. Drinking water limits lead to 50 ug/l or less.

We are presently analyzing six water samples which were forwarded to us by Bob Lamb and should have a better feel for the overall problem once we have completed the analyses.

Sincerely,

POLLUTION CONTROL SCIENCE, INC.


Phillip L. Hayden, Ph.D., P.E.
President

PH/bs
Encl.

POLLUTION CONTROL SCIENCE, INC.

6015 Manning Road, Miamisburg, Ohio 45342 (513) 866-1520 5908

Account #/Name 1-001

Sample

PCS #: 77-586 & 587

Date Rec'd: 5/9/77

Client's P.O. #:

Report Date: 5/23/77

Analyst's Note: Inv. #3174

Mr. Thomas A. Schneider
Process Engineer - Solid Wire
HOBART BROTHERS COMPANY
Filler Metals Division
Troy, Ohio 45373

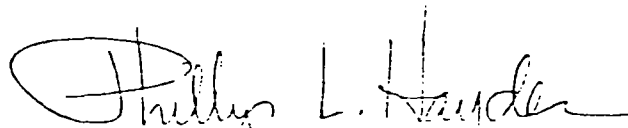
	#77-586		#77-587	
	HOBART HOUSE		LYTLE RD. HOUSE WELL	
pH	7.47		7.62	
Total Alkalinity	240	mg CaCO ₃ /l	402	mg CaCO ₃ /l
Hardness	326	mg CaCO ₃ /l	< 5	mg CaCO ₃ /l
Ammonia as N	NDL		NDL	
Chloride	100	mg/l	56	mg/l
Sulfate	56.0	mg/l	46.0	mg/l
Total Solids	432	mg/l	608	mg/l
Copper	50	ug/l	150	ug/l
Chromium	NDL		NDL	
Nickel	30	ug/l	30	ug/l
Iron	700	ug/l	300	ug/l
Manganese	NDL		NDL	
Lead	40	ug/l	60	ug/l
Zinc	1080	ug/l	220	ug/l
Nitrate as N	3.60	mg/l	4.60	mg/l

NDL - No Detectable Level

Detection Limits

Chromium 10 ug/l
Manganese 10 ug/l
Ammonia 0.05 mg/l

NOTE: Apparently the Lytle Road Water Sample has been passed through a water softener.


Signature

POLLUTION CONTROL SCIENCE, INC.

6015 Manning Road, Miamisburg, Ohio 45342 (513) 866-7521 X 5908

Account #/Name 23-005

Sample

PCS #: 77-586 & 587

Date Rec'd: 5/9/77

Client's P.O. #:

Report Date: 5/23/77

Analyst's Note:

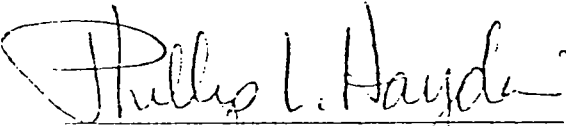
Mr. Thomas A. Schneider
Process Engineer - Solid Wire
HOBART BROTHERS COMPANY
Filler Metals Division
Troy, Ohio 45373

20-40' Deep well

	#77-586	#77-587 <i>Private</i>
	<u>HOBART HOUSE</u>	<u>LYTLE RD. HOUSE WELL</u>
pH	7.47	7.62
Total Alkalinity	240 mg CaCO ₃ /l	402 mg CaCO ₃ /l
Hardness	326 mg CaCO ₃ /l	
Ammonia as N		
Chloride	100 mg/l	56 mg/l
Sulfate		
Total Solids	432 mg/l	608 mg/l
Copper	50 ug/l	150 ug/l
Chromium	NDL	NDL
Nickel	30 ug/l	30 ug/l
Iron	700 ug/l	300 ug/l
Manganese	NDL	NDL
Lead	40 ug/l	60 ug/l
Zinc	1080 ug/l	220 ug/l
Arsenic		
Barium		
Cadmium		
Mercury		
Selenium		
Nitrate as N		
Silver		

NDL - No Detectable Level
Detection Limits

Chromium 10 ug/l
Manganese 10 ug/l


Signature

WATER SUPPLY RECORD

Permit No. _____

Name HOBART BROS. Address WESTBROOK AREA

Location _____

Age FSO Type Drilled Casing or Walls _____

Pump _____

Sketch of Layout